

Title (en)

SEPARATOR FOR FUEL CELL, METHOD OF PRODUCING SEPARATOR, AND SOLID OXIDE FUEL CELL

Title (de)

TRENNGLIED FÜR EINE BRENNSTOFFZELLE, VERFAHREN ZUR HERSTELLUNG EINES TRENNGLIEDS UND FESTOXID-BRENNSTOFFZELLE

Title (fr)

SEPARATEUR POUR PILE A COMBUSTIBLE, PROCEDE DE PRODUCTION D'UN SEPARATEUR ET PILE A COMBUSTIBLE A OXYDE SOLIDE

Publication

EP 1715539 A4 20091230 (EN)

Application

EP 05703534 A 20050113

Priority

- JP 2005000295 W 20050113
- JP 2004009061 A 20040116
- JP 2004009062 A 20040116
- JP 2004269456 A 20040916
- JP 2004379098 A 20041228
- JP 2004379099 A 20041228

Abstract (en)

[origin: EP1715539A1] Gas discharge ports are provided in almost the entire area of a layer surface of a separator, and a gas for reaction is discharged like a shower from the separator toward a power generation cell. The separator is constructed by layering plate-shaped members containing iron-base alloy, nickel-base alloy, or chrome-base alloy as the base material. Silver, silver alloy, copper, or copper alloy is plated on both sides or one side of the base material of the plate-shaped member. The construction above can increase durability of a separator and enables the separator and a solid oxide fuel cell to be stably used for a long period.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] WO 03075384 A1 20030912 - MITSUBISHI MATERIALS CORP [JP], et al
- [X] US 2003134174 A1 20030717 - AKIKUSA JUN [JP], et al & EP 1482585 A1 20041201 - MITSUBISHI MATERIALS CORP [JP], et al
- See references of WO 2005069415A1

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